pulling up a first communication control pin and a second communication control pin, the first and the second communication control pins included in a data connector;

detecting one communication control pin of the first and the second communication control pins by at least detecting a current flow caused by at least the pulling-up, when coupled to the data connector and another device; and

coupling a communication circuitry to the one communication control pin detected by the detection circuitry, the communication circuitry configured to communicate according to a communication protocol.

23. A non-transitory computer-readable storage medium including computer code which when executed by at least one processor causes operations comprising:

pulling down a first communication control pin and a second communication control pin, wherein the first and second communication control pins included in a data connector;

detecting one communication control pin of the first and the second communication control pins by at least detecting a current flow caused by at least the pulling down, when coupled to the data connector and another device; and

coupling a communication circuitry to the one communication control pin detected by the detection circuitry, the communication circuitry configured to communicate according to a communication protocol.

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